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ABSTRACT

The publication provides a list of the projects supported in each State through grants and contracts funded by the States under Section 131(b) of Part C of the Vocational Education Amendments of 1968. The listing, which is alphabetical by State, shows the title of each project, the name of the grantee or contractor conducting the project, and the amount of Section 131(b) funding obligated for the project. The listing of State-administered research and development projects was compiled on the basis of information supplied to the U. S. Office of Education by each State. (Section 131(b) provides Federal funding for State-administered research and development activities in vocational education. These Federal funds can be used for paying up to 75 percent of the costs of the State Research Coordinating Unit (RCU) and for grants and contracts covering 90 percent of the costs of research and/or developmental projects.) (Author/AJ)

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STATE-ADMINISTERED RESEARCH AND DEVELOPMENT PROJECTS

IN

VOCATIONAL EDUCATION

Supported Under
Section 131(b) of Part C
of
The Vocational Education Amendments of 1968
(Public Law 90-576)

Fiscal Year 1973

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U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Office of Education
Bureau of Occupational and Adult Education
Division of Research and Demonstration

JUNE 1974

CE002579

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STATE-ADMINISTERED RESEARCH AND DEVELOPMENT PROJECTS

IN

VOCATIONAL EDUCATION

Supported Under
Section 131(b) of Part C
of
The Vocational Education Amendments of 1968

Fiscal Year 1973

U.S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE
Caspar W. Weinberger, Secretary

Office of Education
T. H. Bell, U.S. Commissioner of Education

Bureau of Occupational and Adult Education
William F. Pierce, Deputy Commissioner

Division of Research and Demonstration
Howard F. Hjelm, Director

JUNE 1974

INTRODUCTION

Section 131(b) of Part C of the Vocational Education Amendments of 1968 provides Federal funding for State-administered research and development activities in vocational education. These Federal funds can be used for paying up to 75 percent of the costs of the State Research Coordinating Unit (RCU) and for grants and contracts covering 90 percent of the costs of research and/or developmental projects. The funds are allocated to the States on the basis of a population formula prescribed in Public Law 90-576. In Fiscal Year 1973, for example, the State of Alaska received $11,855, while the State of California received $705,698.

The total funding appropriated for State use under Section 131(b) of Part C amounted to $17,872,215 in Fiscal Year 1971, $9 million in Fiscal Year 1972, and $9 million in Fiscal Year 1973. The States used a portion of this funding to assist in meeting the maintenance and operational costs of the State Research Coordinating Units. However, the major part of the funding was used to support grants and contracts with local school districts, universities, and other agencies within each State for the conduct of vocational research and development projects.

The purpose of this publication is to provide a listing of the projects supported in each State through grants and contracts funded by the States under Section 131(b) of Part C of the Vocational Education Amendments of 1968. The listing, which is arranged alphabetically by States, shows the title of each project, the name of the grantee or contractor conducting the project, and the amount of Section 131(b) funding obligated for the project. For any given State, the total amount of funds obligated in a particular Fiscal Year may or may not be equal to the State's allotment for that Fiscal Year. There are two reasons for this difference between funds allotted and funds obligated for grants and contracts. The first reason is that a State may, at its discretion, reserve some portion of the State allotment for support of the State Research Coordinating Unit, using the remaining amount for the award of grants and contracts. The second reason is that, under the provisions of the Tydings Amendment, a State could carry unused funds over and obligate them in the following year.

This listing of State-administered research and development projects was compiled on the basis of information supplied to the U. S. Office of Education by each State. Additional descriptive information on each of the projects may be located in the "Research Projects in Progress" section of Abstracts of Instructional and Research Materials in Vocational and Technical Education (AIM/ARM), a journal which is published bi-monthly. Persons wishing more detailed information about a particular project than that contained in the Abstracts should correspond with the Director of the State RCU in the State concerned.

This publication has been prepared by Larry Braaten and Frances Watson of the Demonstration Branch of the Division of Research and Demonstration.

Howard F. Hjelm
Director, Division of
Research and Demonstration

June 1974

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ALABAMA

State Allotment

FY 1973 $184,585.00

Total Funds Obligated

FY 1973 $182,570.35

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	60,693.12	Auburn University	Auburn Occupational Research Development Unit
(2)	7,740.00	Harper, Cotton and Little Inc.	An Analysis of Alabama Technical Institute System
(3)	7,933.95	Walter M. Arnold Associates Inc.	A Program Planning Study of the State and Local Vocational Education/System in Alabama
(4)	106,001.28		RCU

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ALASKA

State Allotment

FY 1973 $11,855

Total Funds Obligated

FY 1973 $12,340

Projects Funded:

FY 1973

Funds Obligated (Section 131(b) Part C)			Grantee or Contractor	Title of Project
(1)	3,500	FY-72	State Department of Alaska	Alaska View (Vital Information for Employment and Work)
	8,840	FY-73		

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ARIZONA

State Allotment

FY 1973 $86,554.00

Total Funds Obligated

FY 1973 $50,813.47

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	9,998.47	Yuma Union High School District	YUHS District Career Preparation Laboratory
(2)	9,110.00	Yuma County Career Ed Education Project	LePera Career Activity Program
(3)	6,810.00	Area Vocational Center Phoenix Union High School	Research Analysis for Development of Experience-centered Curriculum
(4)	6,100.00	Nogales High School	A Motivational Math-Lab
(5)	7,035.00	Eastern Arizona College	Follow-up Survery of Students at Eastern High College
(6)	2,960.00	Central Arizona Coll College	A Survey and Task Analysis of Employment Opportunities Available to Residents of Arizona Training Program at Coolidge
(7)	8,800.00	Central Arizona College	Pinal Career Employability Program

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ARKANSAS

State Allotment

FY 1973 $98,585.00

Total Funds Obligated

FY 1973 $197,907.75

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	11,300.27 72 17,499.00 73	University of Arkansas	A Proposal for the Development and Testing of Single Occupation Film Loops and 135 mm Color Slides for use with Secondary Students
(2)	6,060.00 6,060.00	New Port Special District	A Proposal for a Study to Determine the Correlation among Student Interest Vocational Courses pursued and Job Entry Occupational Choices
(3)	20,060.15	Little Rock Public Schools of Pulaski County	The Development of Sequential Self-Paced Vocation Activity Units Utilizing Multi-Media for use in Vocational Aptitude Evaluation Carrels Designed & Equipped for Tenth Grade C.C.E. Students
(4)	5,583.07 10,000.00	State Department of Education	Mini Grants for Local Oriented Res. to improve Vo. Tech. Ed. in Arkansas
(5)	16,711.36	State College of Arkansas	Developing a Communitive Skills Program for 9th Grade Students at Metropolitan Vo-Tech Ed Center and Coordinating the Instruction of Communitive Skills Courses in all Senior H.S. in the Little Rock School District
(6)	14,523.62 16,690.00	Little Rock Public Schools of Pulaski County (Metropolitan)	Teaching Techniques and Res. Material Development for Nutrition Ed. among disadvantaged Youth and Adults

ARKANSAS (Continued)

State Allotment

FY 1973 $98,585.00

Total Funds Obligated

FY 1973 $197,907.75

Projects Funded:

FY 1973

Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(7) 18,128.77	University of Arkansas	A Research and Development Program for the Preparation of Health Occupation Teachers for Secondary and Post-Secondary Schools

CALIFORNIA

State Allotment

FY 1973 $751,698.00

Total Funds Obligated

FY 1973 $530,978.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	18,711	SHASTA College	Northern California Research Training Workshop for Vocational Educators
(2)	38,644	Sacramento County Office of Education	Field Testing of a Computer Based Manpower Projection Sys.
(3)	23,848	L.A. Comm. College District	Development of an Audio-Visual Self-Indentification Model for Use in Vocational Counseling
(4)	18,000	Foothill Community College District	Synthesis of Handicapped and Disadvantaged Vocational Education Model into C.O.P.E.S. Design
(5)	10,000	Mt. San Jacinto College	Research on Intrinsic-Extrinsic Motovation Concepts as Applied to select Vocational Instructional Programs
(6)	30,000	San Diego Community College District	Field Test of a Vocational Research Training Model that Integrates Management and Evaluation Concepts
(7)	35,000	Foothill Community College District	Establishing Occupational Ed. Research Priorities in Cal. Comm. Colleges
(8)	74,945	San Mateo County Office of Education	Third Party of Eight P.L. 90-576, Part C, Sec. 131(a) Career Education Projects
(9)	39,975	Ventura County Superintendent of Schools	Manpower Projection Model Sys. Phase II

CALIFORNIA (Continued)

State Allotment

FY 1973 $751,698.00

Total Funds Obligated

FY 1973 $530,978.00

Projects Funded:

FY 1973

Funds Obligated (Section 131(b) Part C)		Grantee or Contractor	Title of Project
(10)	3,433	California State University	Action Research Training for Vocational Educators
(11)	30,000	Santa Barbara County Office of Education	Field Test of Sampling Procedures Model for Student Follow-up
(12)	30,000	University of California	Preparing Single Farm Workers for Alternative Employment Programs
(13)	2,500	West Valley Joint Community College	A Proposal Model for Food Service and Restaurant Management Programs in the Community Colleges in California
(14)	2,500	San Jose Community College	The Measurement of Attitudes of Chicano Freshman who are Preparing for a Crimminal Justice Career
(15)	62,709	COAST Community Coll. District	CHARTERING
(16)	30,000	California Advisory	An Examination of the Effectiveness of Target Area Vocational Education Programs for Disadvantaged Persons in the Los Angelas Area
(17)	40,500	San Diego Community College District	Priority Determination for Vocational Education through Formal Needs Assessment Process
(18)	15,000	South County Joint Community College District	Labor Market Analysis Survey for Handicapped Students

CALIFORNIA (Continued)

State Allotment

FY 1973 $751,698.00

Total Funds Obligated

FY 1973 $530,978.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(19)	2,500	Santa Barbara Joint County H.S. District	Measuring Growth in Vocational Development of Secondary Students of the Santa Barbara Career Education Project
(20)	2,500	CLOVIS Unified School District	Field Testing of HUMRRO Office Education Materials
(21)	5,000	Santa Barbara H.S. District	Survey of Occupational Cognizance
(22)	1,184	Fresno State Univ. Foundation	Vocational Ed. Programs in California Secondary Schools
(23)	2,459	Sacramento State University Foundation	Feasability Study of an External Degree in Vocational Education
(24)	2,500	UCLA	An Empirical Comparison between the Gregg and Laurie Shorthand System
(25)	2,500	UCLA	Development of a Model for Determining Needs for Vocational Education Personnel
(26)	2,500	UCLA	A Survey of Teacher Pupil Relationships of California Vo. Agriculture Teachers Trained by the Full Pay Intern Program
(27)	2,500	UCLA	Program Planning-case studies of the Impact on the organization and Operation of School Systems after implementing a Program that has components of Career Education

CALIFORNIA (Continued)

State Allotment

FY 1973 $751,698.00

Total Funds Obligated

FY 1973 $530,978.00

Projects Funded:

FY 1973

Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(28) 1,570	Mendoano Community College District	Impact of Career Testing and Human Potential Seminar Training upon the Persistance and Performance of High risk Students declaring Vocational Majors

COLORADO

State Allotment

FY 1973 $106,290.00

Total Funds Obligated

FY 1973 $116,204.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	11,000	Aims College	Colorado Occupational Survey
(2)	37,425	Boulder Valley Re-2	Experimental Program for Career Education In-Service Training
(3)	4,500	Northeastern Jr. College	Allied Health Manpower In-Service Need Assessment
(4)	1,136	College State Univ.	Indentify Competencies of Community College Instructors in Colorado
(5)	268	Southern Colorado State College	Descriptive Research Follow-up
(6)	7,200	Colorado State Univ.	Job Attitude Study
(7)	3,600	University of Northern Colorado	Evaluation System
(8)	5,463	Northern Colorado Board of Coop Services	Information Dissemination
(9)	980	Arapahoe Community College	Job Analysis of Local Assistance and Secretaries
(10)	2,450	El Paso Community College	Model Computer Based Placement System
(11)	131 1,469	Larimer County Board of Co-op Services	Development of Merit Pay System for Vo-Tech Teachers
(12)	500	Colorado Mt. College	Follow-up Study of Former Students
(13)	6,500	Arapahoe Community College	Arapahoe and Douglas Co. Need Assessment

COLORADO (Continued)

State Allotment

FY 1973 $106,290.00

Total Funds Obligated

FY 1973 $116,204.00

Projects Funded:

FY 1973

	Funds Obligated (Section 13i(b) Part C)	Grantee or Contractor	Title of Project
(14)	1,815	Trinidad State Jr. College	Needs in Music
(15)	19,110	Pueblo District #60	Career Education In-Service
(16)	384	Colorado State Univ.	Job Attitudes (Employer Orientated)
(17)	5,400	San Juan Basin AVS	Skill Requirement Analysis for Selected Jobs
(18)	14,000	Monte Vista Schools	Program in Career Opportunity
(19)	2,873	El Paso Community College	An Accountability Model for Community Colleges

CONNECTICUT

State Allotment

FY 1973 $100,342.00

Total Funds Obligated

FY 1973 $33,477.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	5,600	Connecticut Institute for Health Manpower Res. Inc.	A Plan for Articulation of Educational Programs for Nursing-related Health Occupations
(2)	11,884	Central Conn. State College	Development of Examinations for Assessment of Occupational Competency
(3)	15,993	Benhaven School New Haven	An Experimental Pre-Vocational Training Project for Autistic and Neurologically Impaired Children

DELAWARE

State Allotment

FY 1973 $21,070.00

Total Funds Obligated

FY 1973 $10,143.00

Projects Funded:

FY 1973

Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1) 10,143	Kent County Vocational Technical School District	Performance Based, Self-Paced Individualized System Packaging

District of Columbia

State Allotment

FY 1973 $27,302.00

Total Funds Obligated

FY 1973 $36,854.00

Projects Funded:

FY 1973

Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1) 36,854	North Carolina State University at Raleigh	The Development of a Student Follow-up System

FLORIDA

State Allotment

FY 1973 $296,000.00

Total Funds Obligated

FY 1973 $513,100.75

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	43,677	Broward County of Public Instruction, Fort Lauderdale, Florida and Washington County Board of Public Instruction	A Comparative Study of the Use of View Materials in two Vocational Technical Centers
(2)	41,900	Washington County School Board	Florida View: VItal Information For Education and Work
(3)	17,961	Florida State University	Closing the Middle Manpower Utilization GAP (CTMMUG)
(4)	20,000	University of Florida	Developing Procedures which will Identify and Define Student Personal Services for Area Vocational Technical Centers in Florida
(5)	15,000	College of Education Florida State University	Identify Pupil Personal Services Appropriate to Elementary Guidance Personnel Involved in Career Development Progress
(6)	36,000	Florida State University	Identifying Implications of Research for Vocational Teachers and to Continue Part Time Research Position for Industrial Education
(7)	15,000	University of Florida	Project Agriculture: A Study of Agriculturial Education Needs in Florida
(8)	14,700	Florida Atlantic University	Development of Criterion Referenced Instruments for Distributive Ed. Programs

FLORIDA (Continued)

State Allotment

FY 1973 $296,000.00

Total Funds Obligated

FY 1973 $513,100.75

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(9)	19,975	University of West Florida	Identify Communication Problems of Vocational Education Teachers in the State of Florida
(10)	21,600	University of Florida	Support of Eight Graduate Students Training Programs at Florida State University in Occupational and Career Education Programs of Research and Related Projects
(11)	10,661.75	University of Florida	Continuation of a Project to Fuse Applied and Intellectual Skills-Valuing Approach to Career Education
(12)	14,000	University of Florida	Continuation of Project Agriculture - A Study of Agricultural Education Needs and Strategies for Meeting the Needs
(13)	15,000	University of South Florida	Diffusion of Research Project to Develop and Validate the Preformed Objectives and Criterioned Referenced Evaluation Devices for Auto Mechanics
(14)	5,150	Florida Atlantic Univ.	Development of Behavioral Objectives and Criterioned Evaluation Instruments for Distributive Education Courses.
(15)	5,700	Florida University	A Systems Approach to Defining the Role and Functions of Elementary School Counselors in a Career Education Program

GEORGIA

State Allotment

FY 1973 $240,503.00

Total Funds Obligated

FY 1973 $472,[illegible].35

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	12,491.75	State Department of Education / Georgia	Ten Elementary Career and Self Awareness Projects
(2)	59,663.86	Georgia Tech. School of Industrial Management	Manpower Survey to Identify Career Ladders and Training Requirements for the Georgia Vocational Clusters
(3)	19,890.87	University of Georgia Division of Vocational Technical Education	Development and Field Testing of an Individualized Instructional Systems for Selected Muli-Occupational programs in the Georgia Area Vocational High School (Phase I a)
(4)	19,630.69	University of Georgia	Developing and Piloting a Program of Individualized Instructional Systems for Post Secondary offerings in the Field of Trade and Industrial Education (Phase I b)
(5)	3,407.73	Atlanta City School System University of Georgia	Operation Guidance
(6)	11,587.79	University of Georgia	RCU component at University of Georgia
(7)	3,845.66	University of Georgia	Intership experience for EPDA Students
(8)	2,250.00	Lockheed Georgia Co.	Developing Programmed materials to Train Vocational Instructors to Develop Individualized Instructional Materials

GEORGIA (Continued)

State Allotment

FY 1973 $240,503.00

Total Funds Obligated

FY 1973 $472,388.35

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(9)	5,220.00	Mairetta City Board of Education	Developing a Self Paced Machine Shop Program
(10)(a)	12,000.000 20,300.00	Dekalb College	DE Consortium
(b)	2,700.00	Community Resources Unlimited - Oklahoma	Production Show Program for Industrial Arts Staff Development Projects in Two Sites
(11)	15,000.000	Continuing Education Center - Univ. of Georgia	Career Education Film
(12)	76,000.000 81,000.00	Division of Vocational Technical Education University of Georgia	New Curriculum Project
(13)	1,000.00	University of Georgia	Field Test for Post-Secondary Project
(14)	19,200.00	University of Georgia	Competency Based Teacher Preparation Project
(15)	15,000.000	Southern Association of Colleges and Schools	V-TECS Corsortium

HAWAII

State Allotment

FY 1973 $31,545.00

Total Funds Obligated

FY 1973 $70,453.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	11,587 6,645	University of Hawaii Education Research & Development Center Data Technical Analysis Inc.	Career Development Continuum K-14
(2)	5,000	Data Technical Analysis Inc.	Statewide Computerized Data System
(3)	10,544	Office of State Director Vocational Education	Statewide Follow-up of Post-Secondary Vo. Ed. Graduates in the Univ. of Hawaii Comm. College
(4)	2,075	Office of State Director Vocational Education	Follow-up Study of Vocational Education Drop-outs
(5)	775	Kapiolena Community College	Health Manpower Needs
(6)	23,925	Honolulu Community College	Community College Instructors Survey of Occupational Education Needs in Hawaii
(7)	7,302	Maui Community College	Study on Molokai and Lanai Job Requirements

IDAHO

State Allotment

FY 1973 $38,[illegible]66.00

Total Funds Obligated

FY 1973 $60,358.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	28,354.00	School of Vocational Technical Education Idaho State University	Development of Techniques for Simulation of Data Processing in Vocational Office Programs
(2)	10,674.00	Madison High School	The Impact of a Comprehensive Program to Improve Office Occupations Education at Madison High School as Measured by Student Competence (See FY 72)
(3)	4,000.00	School District #1	POWER: (Programmed Opportunity with Employment Referral)
(4)	1,000.00	School District #2	Project REACH
(5)	16,330.00	School District #25	Supplemental Career Education

ILLINOIS

State Allotment

FY 1973 $397,524.00

Total Funds Obligated

FY 1973 $510,670.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	21,674.00	Shawnee Junior College Mississippi-Ohio Valley Regional Planning and Development Commission	Maximizing Human Resource Development in the Five County Tier Region of Southern Illinois: An Occupational Education Planning Grant-Phase I
(2)	54,998.00	Walter M. Arnold, Associates, Inc.	A Study to Determine the Feasibility of Implementing Joint Agreements for more Efficient Utilization of Secondary Area Centers and Post-Secondary Resources and Facilities
(3)	29,400.00	Board of Education of the City of Chicago	Computer Based Guidance
(4)	48,924.00	Wstrn. Illinois Univ.	Analysis of Current Manpower Labor Market Information for Illinois
(5)	36,995.00	Board of Trustees of Southern Illinois Univ.	Statewide Assessment: Programs for the Disadvantaged (Secondary and Post-Secondary Levels)
(6)	37,994.00	Technical Education Research Centers, Inc., Midwest Centers	A Proposal for Statewide Assessment of Programs for the Handicapped (Secondary & Post-Secondary Level)
(7)	29,995.00	Illinois Eastern Jr. College, Wabash Valley College	Coal Mining Technology
(8)	29,985.00	Board of Trustees of Southern Illinois Univ.	Manpower Assessment for New & Emerging Jobs in Environmental Area

ILLINOIS (Continued)

State Allotment

FY 1973 $397,524.00

Total Funds Obligated

FY 1973 $510,670.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(9)	24,944.00	Success Research Consultants, Inc.	Statewide Survey of Adult Vocational Education Programs and Services (Secondary and Post-secondary levels)
(10)	58,746.00	Robert Davis Associates, Inc.	Develop and Test a Systematic Approach for Implementation of a Statewide Student Based Management Information System
(11)	37,491.00	Crystal Lake Community School District #155	Nuclear Radiation Project Study (Phase II)
(12)	50,000.00	Eastern Illinois Univ.	Development of a Systematic Approach to Follow-up Evaluation Phase I - FY 73 - FY 72 Carry Over Cost Differential Analysis in Regular Secondary Programs and Area Vocational Centers in Illinois

INDIANA

State Allotment

FY 1973 $232,543.00

Total Funds Obligated

FY 1973 $232.543.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	3,993.00	Purdue University	An In-Depth Study and Evaluation of the Vocational Horticulture Program in the Secondary Schools in Indiana
(2)	2,039.00	Indiana University	A System to Integrate Efforts of Universities' Counselor Educators and Vocational educators to Develop a Stronger Counselor Training Program
(3)	37,200.00	Indiana State Univ.	Instructional Materials Laboratory Maintenance of the Development for In-Service and Pre-Service Vocational-Technical Teacher Education
(4)	10,000.00	Ross Township Schools	The Development of a Vocational Management by Results Model for State and Local Vocational Administration to Create an Annual and Five-Year Plan for High Schools in Indiana
(5)	19,147.00	Ball State University	Career Education Program Helping all in Counseling
(6)	5,525.00	Indiana University	A Study of Vocational Education Teachers of the Disadvantaged with Implications for Teacher Education
(7)	15,987.00	Purdue University	An Identification of Employment Patterns of Vocational Graduates of Indiana Secondary Schools and Analysis of Factors Influencing the Earning of Indiana High School Vocational Graduates

State Allotment

FY 1973 $232,543.00

Total Funds Obligated

FY 1973 $232,543.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(8)	19,217.00	Hammond School City	Development of a Pre-Vocational Program for Freshman Students in a Comprehensive Area Vocational School
(9)	443.00	Indiana University	A Feasibility Study of the Need to Establish a Youth Organization for Interdisciplinary Cooperative Education (ICE) Programs in Indiana
(10)	487.00	Indiana State Univ.	Mini-Grant for the Assessment of the Duties and Responsibilities of Vocational Education Administrators in Indiana
(11)	28,480.00	Indiana Department of Public Instruction	A Project to Research the Coordination & Communication Possibilities between State Agencies involved with Vocational Education and Promotional Activities to Implement concluded programs
(12)	490.00	Tippecanoe School Corporation	Subject Matter Content and Teaching Methods Appropriate for a Junior High Agriculture Program
(13)	500.00	Indiana University	Evaluation of Consumer Education Foundations
(14)	500.00	Indiana State Univ.	Intensive Office Laboratory Follow-up and Evaluation - Part III
(15)	500.00	Evansville-Vanderburg School Corporation	Mini-Grant to Develop a Slide Presentation of Plant Specimens for Use in Vocational Horticulture

State Allotment

FY 1973 $232,543,00

Total Funds Obligated

FY 1973 $232,543.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(16)	500.00	Evansville-Vanderburg School Corporation	A Mini-Grant to Develop a Slide Presentation of Plant Speciments for Use in Vocational Horticulture
(17)	470.00	Southeastern Indiana Vocational School	A Program to Develop a Loser as an Electronics Class Project
(18)	4,423.00	Indianapolis Public Schools	Indiana's VIP Treatment Brochure
(19)	34,382.00	Penn-Harris-Madison School Corporation	Mobile Training Unit - A Total Community Approach
(20)	5,405.00	Purdue University	Career Orientation of Rural Low Income Youth
(21)	29,180.00	Penn-Harris-Madison	Mobile Unit to Provide In-Service Career Education
(22)	13,675.00	Crawfordville Community Schools	Area Vocational School Feasibility Study in West Central Indiana

IOWA

State Allotment

FY 1973 $127,443.00

Total Funds Obligated

FY 1973 $207,008.25

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	28,888.00	Kirkwood Community College	Population Enrollment Trends in Iowa and their Implication for Iowa's Area School
(2)	4,813.00	Iowa Western Community College	Determine the Competency Needs of Sanitarian Aides
(3)	8,810.00	Iowa Central Community College	To Determine the Career Ed. Needs for merged Area V
(4)	7,123.00	Iowa State University of Science and Technology	Competencies Needed by Workers in Occupations Requiring Less than a Baccalaureate Degree in the Horticulture Industry
(5)	6,912.00	Iowa State University	Identification of Competencies for Occupations in Institutions and House-hold services
(6)	7,275.00	Iowa State University	Identification of Competencies in Food Service
(7)	12,705.00	Department of Public Instruction	Career Education Needs Information System
(8)	5,592.25	Iowa State University	Workshop in Curriculum Organization and Development in Agribusiness and National Resource Education
(9)	3,648.00	University of Northern Iowa	The Development of a list of Competencies for Office Occupations
(10)	9,450.00	Kirkwood Community College	Area X Career Education Needs Assessment Project

IOWA (Continued)

State Allotment

FY 1973 $127,443.00

Total Funds Obligated

FY 1973 $207,008.25

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(11)	6,868.00	Western Iowa Tech.	Determine the Career Education Needs for Merged Area XII
(12)	4,963.00	Northern Area Community College (Mason City University of Iowa)	Career Needs Assessment for Merged Area II
(13)	10,200.00	Iowa Center for Research in School Administration	Third-Party Evaluation of Models for Pre-Career Ed. in Iowa and Models for Secondary Career Education in Iowa
(14)	4,550.00	University of Iowa Iowa Center for Research in School Administration	Addendum to Third-Party Evaluation of Models for Pre-Career Education in Iowa and Models for Secondary Career Education in Iowa
(15)	2,780.00	Iowa Central Community College (Fort Dodge)	Evaluation of Iowa Central Community College Career Ed. Programs in Engine Mechanics Office Education and Secretarial-Clerical
(16)	32,301.00 50,130.00	University of Northern Iowa	Instructional Materials Development and Articulation in Career Education

KANSAS

State Allotment

FY 1973 $101,813.00

Total Funds Obligated

FY 1973 $51,297.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	339.00	Kansas State University	A Study of Kansas Printing Plant Operations
(2)	1,000.00	Industrial Education Department/Wichita State University	A Proposal for Research Study to Identify and Validate Lists of Teacher Competences for IACP - World of Manufacturing, World of Construction and Visual Communications Power and Energy-Materials and Process (WSU)
(3)	33,394.00	Wichita Public Schools Unified School District # 259	Conceptual Base Curriculum of Industrial Education for Secondary Schools (Wichita Public Schools)
(4)	4,350.00	Wisconsin State Dept. of Public Instruction	Ten-State Consortium for DE Materials (Final Phase) (Wis. State Department of Public Instruction)
(5)	500.00	Kansas State University	Manpower Needs for Agribusiness (KSU)
(6)	999.00	Kansas State University	Researching Curriculum Materials in Agribusiness & Natural Resources (KSU)
(7)	1,300.00	Kansas State University	Computerizing Vocational Program Approval (KSU)
(8)	1,000.00	Kansas State University	Status of Post-Secondary & Vocational Technical Education (Emporia KSTC)
(9)	8,415.00	Kansas State University	Developing Computer System for Distribution of Voc. Ed. Funds (KSU)

KENTUCKY

State Allotment

FY 1973 $173,417.00

Total Funds Obligated

FY 1973 $150,187.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	15,746.00	Western Kentucky Univ. Bowling Green, Kentucky	Analysis of Program Encountered by Classroom Teachers Associated with their Involvement in the Kentucky Regional Career Education Development Project
(2)	5,496.00	Resource Development Unit	Review of Career Education Programs in Kentucky
(3)	3,475.00	Kentucky Valley Education - COOP	Principals Orientation Research Project
(4)	1,500.00	State Department/Bureau of Vocational Education	Distributive Education Curriculum Project - Phase II -- Addendum
(5)	3,443.00	ROPES - Region 3	Two Hr. Voc. Classes at the Laurel County Area Voc. School
(6)	10,990.00	Bureau of Vocational Education	Field Testing Career Exploration Material
(7)	1,900.00	Personal - Rose Moody Davis	Attitudes of Kentucky Secondary Teachers and Students Toward Consumer Issues and Teachers Emphasis Given These Issues in Program Objectives
(8)	20,000.00	Western Kentucky Univ.	Effects of A Program of Career Education in the Hazard Region
(9)	14,776.00	Western Kentucky Univ.	Research Related to the Regional Career Education Development Project: Kentucky Voc. Region #3
(10)	12,861.00	Western Kentucky Univ.	Research Related to Bowling Green Independent School Sys's Comprehensive Career Ed. Model

LOUISIANA

State Allotment

FY 1973 $199,932.00

Total Funds Obligated

FY 1973 $313,100.87

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	160,619.00	LOTIS	Louisiana Occupational Training Information System Consortium (LOTIS)
(2)	80,000.00	Lafayette Parish	Research and Development Project in Career Education (Lafayette Parish)
(3)	72,481.87	Calcasieu Parish	Research and Development Project in Career Education (Calcasieu Parish)

MAINE

State Allotment

FY 1973 $49,967.00

Total Funds Obligated

FY 1973 $35,825.50

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	7,568.00	Univ. of Maine	Influences in Career Development of the Elementary School Child
(2)	19,742.00	Portland Public Schools	Project PACE-Program to Advance Career Education
(3)	1,822.00	Bangor School Department	The Self Directed Career Pro-As a Tool for Presenting Career Information to Ninth Grade Students
(4)	2,500.00	College of Education University of Maine	National Instructional Television Career Education
(5)	4,193.50	Westbrook Regional Tech. Vocational Center	(WEB) - Westbrook Educates for Business

MARYLAND

State Allotment

FY 1973 $156,274.00

Total Funds Obligated

FY 1973 $94,928.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	35,000.00	Dundalk Community College	Para-Professionals a Debt Nutrician and Medicare Counselors A Study in Effectiveness
(2)	20,000.00	Chesepeke College	A Research Project to Develop Model Curricula for Food Technician Programs
(3)	17,000.00	Cainesville Community	An Emprical Optimality Determination of Three Career Program Planning and Development Aspects: Articulation, Community Participation, and Facualty Commitment
(4)	10,000.00	Baltimore County	Career Information Resource Center for Learning Experience
(5)	3,500.00	University of Maryland	Compilation and Dissemination of Existing Research Findings Concerning to Vocational Industrial Teacher in the State of Maryland
(6)	3,100.00	University of Maryland	A Study to Assess the Feasibility of Installation of a Computer and/or an Information Dissemination System for Vocational Education in the Allegany County Resource Center
(7)	6,088.00	Charles Community College	Research and Development of a Computer Assisted Instruction Center for Post-Secondary Vocational Projects
(8)	240.00	Prince George County	Evaluation Planning at the Wye Institute

MASSACHUSETTS

State Allotment

FY 1973 $218,075.00

Total Funds Obligated

FY 1973 $137,150.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	300.00	Mass. Board of Education	PROJECT CAREER: Computer Assisted Research for Educational Relevance
(2)	32,000.00	North Shore Community College	A Feasibility for a Residential Vocational School
(3)	21,850.00	The Commonwealth of Massachusetts	A Study to Assess the Feasibility of a Commonwealth of Massachusetts Fire
(4)	11,000.00	Boston Mass. Univ.	Proposal of Request for Conducting a Three-Part Survey Study Involving the X-4T Project (Weymonth et.al.), the STP Project (Shausheen et.al), and a Third Party Evaluation of the Newly Develop Vocational Planning Instrument
(5)	60,000.00	Greater Lawrence Regional Voc-Tech School	Document Information System for Occupational Education
(6)	125,000.00	Univ. of the State of New York	Massachusetts and New York Evaluation Service Center for Occupational Education

MICHIGAN

State Allotment

FY 1973 $368,775.00

Total Funds Obligated

FY 1973 $452,071.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	120,000.00	Ingham Intermediate School District	A System Approach to Managing Individualized Instruction Curriculum (Modular) Developed Through the Techniques of Occupational Task Analysis
(2)	109,043.00 62,492.00	Ingham Intermediate School District	An Individualized Instructional System for the Developing of Curriculum on a Modular Basis Through the Techniques of Occupational Task Analysis
(3)	90,000.00	Wayne State University	Development and Implementation of a Systems Approach for Vocational Teacher Education
(4)	36,250.00	State Department of Education	Vocational Education Information Support System
(5)	4,286.00	W.E. UP. John Institute of Employment	Health Manpower Study Research (Kalamazoo)

MINNESOTA

State Allotment

FY 1973 $171,390.00

Total Funds Obligated

FY 1973 $159,859.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	25,000.00	University of Minn.	Area School Follow-up System
(2)	91,719.00	University of Minn.	Research Coordinating Unit - Vocational Education
(3)	16,000.00	Suburban Hennepin Area Voc. Tech. Institute School District #287	Analysis of Local Annual Plan
(4)	7,410.00	University of Minn.	Effectiveness of Model Office, Cooperative Office Education and Office Procedures in Developing Office Decision Making Abilities in Changing Perceptions of the Office World of Work, and in Developing a Knowledge of Business Fundamentals and General Business Information
(5)	20,000.00	University of Minn. Student Counciling Bureau	Adminstration of Educational and Vocational Guidance Tests in Minnesota Schools

MISSISSIPPI

State Allotment

FY 1973 $121,203.00

Total Funds Obligated

FY 1973 $25,177.50

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	10,182.50	University of Southern Mississippi	The Identification of Social Skills Needed in Specific Vocational and Technical Areas and Possible Instructional Approaches
(2)	11,995.00	University of Southern	Impact of Institutional Manpower Development and Training Act Programs on Vocational and Technical Education in Mississippi
(3)	3,000.00	Itawambe Jr. College	Development of a Comprehensive Program of Vocational-Technical Education and Adult Education

MISSOURI

State Allotment

FY 1973 $208,336.00

Total Funds Obligated

FY 1973 $163,735.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	700.00	Department of Practical Arts and Vo-Tech Ed (Home Ec Ed)	Follow-up of University of Missouri-Columbia Home Ec Ed Program Entrants and Graduates from September 1, 1967 through December 1972
(2)	700.00	Three Rivers Community Colleges	A Survey of Southeast Missouri to Determine Farm Power Technology Needs on the Post-Secondary Level
(3)	700.00	Ferguson Reorganized School District R-2	Preliminary Data Collectio for Revision of K-12 Communication Skills Curriculum (#2118)
(4)	700.00	Wentzville R-IV School District	Career Development in Action
(5)	14,713.00	Central Missouri State University	In-Service Education Model for the Dissemination and Utilization of Career Information in the Elementary School
(6)	700.00	The Missouri Advisory Council on Vocational Education	A Study of the Structure Function and use of Local Advisory Committees on Voc. Education
(7)	700.00	University of Missouri-Columbia	Comparison of Two Different Methods of Dissemination of a New Teaching Technique
(8)	15,000.00	Florissant Valley Community College	Implementation of a Model Child Development Center having a Full Variety of Preschool Program

MISSOURI (Continued)

State Allotment

FY 1973 $208,336.00

Total Funds Obligated

FY 1973 $163,735.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(9)	7,000.00	University of Missouri-Columbia	The Meaning and Value of Work Job Satisfaction and Productivity as Perceived by Vocational Education Graduates and Teachers
(10)	34,306.00	University of Missouri-Columbia	Preparation & Testing of Career Education Modules for Teacher and Counselor Education
(11)	1,500.00	Parkway School Dist.	Research Model for Career Education
(12)	700.00	State Fair Community College	An Investigation of Developmental Education Curricular Requirements for Post-Secondary Vocational-Technical Students
(13)	700.00	Dr. Marlin Jackoway	Read, Listen and Learn About Work #2124
(14)	326,00	Kolan B. Bisbee	Selected Personality Traits and Role Perceptions of Beginning Vocational Education Teachers in Missouri #2145
(15)	16,000.00	William V. Welsch	Establishing Vocational Skills in Severely and Profoundly Retarded Individuals #1102
(16)	700.00	Helen Sue Parrish	Dress Pattern Alternations Related to Physical Needs of Older Women #2122
(17)	700.00	Treva Kintner	Visuals that will aide in Teaching the Metric System to the Home-Maker #2123

MISSOURI (Continued)

State Allotment

FY 1973 $208,336.00

Total Funds Obligated

FY 1973 $163,735.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(18)	700.00	Virginia Fisher	Field Testing a Child Care Worker Parent Involvement Training Package #2128
(19)	684.00	Peter Kellams & Carolyn Rybick	Development of Career Level Course: Science Activities for Children #2131
(20)	700.00	Alvin R. Lowe	Administrative Structure and Relationship Between the Area Vocational School, the Local School District, and Sending School Districts in Missouri #2144
(21)	700.00	Paul H. Hillis	A Research Proposal to Survey the Service Area of Three Rivers Community College in order to Determine the Present and Future Personnel Needs in the Field of Ornamental Horticulture #2110
(22)	8,000.00	Marvin McDonald	Assess the Educational Need of Currently Enrolled College Students and Area High School Juniors and Seniors, with Academic Deficiencies, as Measured by ACT, in Relationship to the existing Programs at Missouri Western College #1093
(23)	700.00	Joyce Fielding	Discovering Yourself and Careers (Career Seminar) #2137
(24)	13,192.00	Dr. Nancy Walters	Parents: Key People to Assist in Occupational Decision Making #1100

MISSOURI (Continued)

State Allotment

FY 1973 $208,336.00

Total Funds Obligated

FY 1973 $163,735.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(25)	15,120.00	B.E. Jessee	Career Awareness, Selection and Occupational Training in Agri-business #1090
(26)	4,000.00	Dr. Frankling King	Instructor's Guide on Health Occupations #1124
(27)	1,157.00	Shirley Evans	A Project to Determine the Effect and Adoptability of the APEX Simulation Program to Individualized Instruction #1126
(28)	15,924.00	Nancy Catron	A Proposal to Reproduce and Disseminate Individualized Business and Office Materials #1125
(29)	700.00	Farrell Siddens	Establishment of a Production Unit for Slide-Tape Presentations in Hotel, Motel, and Restaurant Training at Crowder College #2134
(30)	7,013.00	Nila Hibdon	Identification of Competencies and Skills Development of Objectives and Determination of Problem Areas for Courses included in Agricultural Curricula being Offered by Post-Secondary Institutions in Missouri #1129

MONTANA

State Allotment

FY 1973 $35,418.00

Total Funds Obligated

FY 1973 $35,418.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	11,000	Montana State University	Montana State University Agriculture Related Competencies Studies
(2)	5,000	State Department of Education	Voc-Ed Competence Bank
(3)	19,418	State Department of Education	Management Information System for Vocational-Technical Education in Montana

NEBRASKA

State Allotment

FY 1973 $67,518.00

Total Funds Obligated

FY 1973 $66,556.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	24,473.00	Kearney State College	Nebraska Vocational-Technical Graduate Follow-up and Information Dissemination System -- Developmental Research Project
(2)	21,193.00	Kearney State College	Minimum Levels of Technical Competency Standards of Business and Office Education Programs in Nebraska
(3)	18,190.00	Board of Regents University of Nebraska	State-Wide Computerized Model for Determining Occupational Opportunities in Nebraska 1974 Report
(4)	2,700.00		Nebraska Occupational Competency Testing Center

NEVADA

State Allotment

FY 1973 $17,032.00

Total Funds Obligated

FY 1973 $17,032.00

Projects Funded:

FY 1973

Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1) 17,032.00	University of Nevada	Vocational Research Coordinating Unit

NEW HAMPSHIRE

State Allotment

FY 1973 $33,657.00

Total Funds Obligated

FY 1973 $39,812.11

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	2,404	Berlin Voc-Tech College	Behavioral Objectives with Emphasis on Individualized Instruction
(2)	5,000	Concord School District	Planning for Career Education in Concord Schools
(3)	7,500	Milford High School	Community Needs Assessment for Vocational Education in New Hampshire
(4)	2,736	Claremont Voc-Tech College	Curriculum Revision Planning Research Grant
(5)	17,961	University of New Hampshire	Follow-up Study of Students Existing from Selected Vocational Programs in New Hampshire Secondary Schools
(6)	4,200	University of New Hampshire	Development of an Occupational Information Data System for the State of New Hampshire

NEW JERSEY

State Allotment

FY 1973 $241,712.00

Total Funds Obligated

FY 1973 $237,078.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	1,297.00	Rutgers University, State University of New Jersey, Bureau of Ed. Research Graduate School of Education	Factors Influencing Non-White Participation in Apprecticeship Programs in Selected Building Trades Unions in New Jersey
(2)	23,990.00	Business and Industrial Coordinating Council, Newark Board of Ed., Newark Ed. Development Council, Montclair State College	Development of a Rational and Structure for "The World of Finance Curriculum Project
(3)	27,806.00	Rutgers University	Development of Orientations to Work Among Children
(4)	13,150.00	Somerset County College	The Investigation and Development of a College Program for First Line Supervisors in Business and Industry
(5)	14,124.00		Apprenticeship Study
(6)	1,400.00	Camden City School	Mobile Typing Unit Study
(7)	19,000.00	Lower Camden Region	Planning System
(8)	25,000.00	Edision TWP	Planning System
(9) (9)	25,000.00	Middlesex Co. Voc. School	Planning System
(10)	25,000.00	Somerset Co. Vocational School	Planning System
(11)	22,295.00	Lynden School District	Planning System
(12)	7,500.00	Edison TWP	World of Trans

NEW JERSEY (Continued)

State Allotment

FY 1973 $241,712.00

Total Funds Obligated

FY 1973 $237,078.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(13)	39,100.00	Edison TWP	Occupational Research & Development Resource Center
(14)	1,100.00	Carteret TWP	Master Planning

NEW MEXICO

State Allotment

FY 1973 $55,703.00

Total Funds Obligated

FY 1973 $57,852.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	57,852.00	State Department of Education	TAOSCORE

NEW YORK

State Allotment

FY 1973 $599,274.00

Total Funds Obligated

FY 1973 $299,962.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	150,000.00	Cornell University	Occupational Education Research and Development Institute
(2)	149,962.00	City University of New York	Institute for Occupational Education Research and Development

NORTH CAROLINA

State Allotment

FY 1973 $285,288.00

Total Funds Obligated

FY 1973 $146,784.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	6,570.00	Pitt Technical Institute	Summer Institute for High School Students A Research Project in Pre-Vocational Education
(2)	23,040.00	Beaufort County Technical Institute	Restructed Registration and Instructional Option
(3)	23,400.00	Nash Technical Institute	The Planning of a Model Area Occupational Evaluation Center for the Handicapped in North Carolina Multi-County Planning Regions I,Q, and R
(4)	24,473.53	University of North Carolina Greensboro	Field Test and Revision Activities for the Mathematics and Communications Competency Areas of Distributive Education
(5)	16,200.00	Wake County Public Schools	Career Education Project for School Personnel
(6)	18,000.00	State Department of Public Instruction	The Dissemination of Local Level, Long-Range Planning Systems to North Carolina Technical Institutes and Community Colleges
(7)	39,960.00	Sanford City Schools	The Revision and Field Testing of Individualized Instructional Materials in Carpentry, Drafting, Masonry, Metals, and Typing Which have been Developed for Implementing and Individually Scheduled Cluster Curriculum in Occupational Education

NORTH CAROLINA(Continued)

State Allotment

FY 1973 $285,288.00

Total Funds Obligated

FY 1973 $146,784.00

Projects Funded:

FY 1973

Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(8) 35,100.00	North Wilksborough City Schools	Occupational Adjustment Training (OAT)

NORTH DAKOTA

State Allotment

FY 1973 $33,879.00

Total Funds Obligated

FY 1973 $42,125.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	16,325.00	The Fargo Public School District	A Proposal for Skill and Objective Identification in Vocational Education which will Enhance Education Accountability through a Planned-Program-Budgeting-Evaluation System (PPBES)
(2)	9,500.00	North Dakota State University	A Research and Development Proposal for Farm Management Education Record Analysis Systems Research and Development
(3)	7,700.00	Bismark Junior College	A Proposal to Develop a Power Operator's Training Program
(4)	8,600.00	North Dakota State School of Science	Development of Instructional Materials for Telephone Technician Training

OHIO

State Allotment

FY 1973 $453,129.00

Total Funds Obligated

FY 1973 $2,585,484.00
(Includes Federal & State)

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	208,760	Akron City School Dist.	A Comprehensive Career Development Program K-10
(2)	174,723	Cincinnati City School District	Demonstration Project in Career Education K-10
(3)	276,943	Cleveland Public Schools	Career Development Program
(4)	108,073	Columbus City School District	Career Education K-10
(5)	176,490	Dayton City School	Career Development
(6)	64,906	Geneva Area City School District	Pilot Project in Career Education from Grades K-10
(7)	453	Kirtland City Schools	Career Education Program for Kirtland City School
(8)	140,692	Lorain City School Dist.	Career Development Program K-10
(9)	16,240	Lucas Local School Dist.	Developing Positive Attitudes Toward the Work-A-Day World
(10)	86,110	Mansfield City School	Career Education Continum K-10
(11)	52,960	Mad River-Green Local School District	Experimental and Pilot Program
(12)	28,545	Minford Local School	Career Development Program
(13)	34,675	East Muskingum Local School District	Career Education Program K-10
(14)	50,115	Orrville City School District	Wayne Vocational Area Career Education Model

State Allotment

FY 1973 $453,129.00

Total Funds Obligated

FY 1973 $2,585,484.00
(Includes Federal & State)

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(15)	187,360	Parma Public Schools	Career Development
(16)	90,095	South-Western City School District	A Career Continuum for Grades K-10
(17)	199,284	Springfield City School District	Career Motivation Orientation and Exploration
(18)	221,165	Toledo City School Dist.	Career Development Program
(19)	147,259	Warren City School Dist.	K-10 Career Development
(20)	131,680	Willoughby-East Lake City School District	Career Education Program
(21)	26,782	Ohio State University	Development of Instruments for Assessing the Performance Capabilities of Graduates of Vocational Agriculture Programs
(22)	2,447	Musk Junior Vocational School	Development of Pre-Post-secondary Curriculum Engineering for Gr. 11-12
(23)	7,500	Spfg Clark Junior Vocational School	Development of Pre-Post-secondary Curriculum for Business Administration for Grades 11-12
(24)	7,500	Spfg Clark Junior Vocational School	Development of Pre-Post-secondary Curriculum - Social Science for Grades 11-12
(25)	8,100	Owens Technical College	Development of Pre-Post-secondary Curriculum - Health Occupations for Grades 11-12

State Allotment

FY 1973 $453,129.00

Total Funds Obligated

FY 1973 $2,585,484.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(26)	2,000	Council of Great Cities	Analysis of Career Education Needs in Urban Areas
(27)	8,490	Ohio Future Farmers of America	Vocational Youth Leadership Conference
(28)	65,730	Cleveland	Great Lakes Maritime Trades
(29)	27,600	Ohio Department of Corrections	Development of Vocational Education Curriculum - Adult Penal Program
(30)	13,350	Ohio University	Vocational Education Planning District An Economic Evaluation of Foregone Economic Benefits for Limited Part
(31)	16,457	Ohio University	Size-Cost Relationship in Ohio Vocational Schools and Programs-An Economic Study
(32)	3,000	Dayton-Miami Valley	To Plan for Cable TV as Means for Career Education

OKLAHOMA

State Allotment

FY 1973 $129,791.00

Total Funds Obligated

FY 1973 $3,864.41

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	3,864.41	Health Occupations Division State Department of Vocational Technical Education	Mobility Program in the Health Field

OREGON

State Allotment

FY 1973 $93,331.00

Total Funds Obligated

FY 1973 $71,149.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	10,500	Oregon State University	Career Education an Integral part of Teacher Education
(2)	11,770	Lane Community College	Proposal for a Workshop for the Improvement of Vocational Physics Instruction in Oregon's Community College
(3)	4,235	Tegard School District	Tigard Project in Career Awareness
(4)	19,494	Multnomah I.E.D.	RCU
(5)	4,500	Oregon State University	Industrial Arts Exploration Consortium
(6)	4,500	Junction City J.H.S.	Career Exploration Model
(7)	200	Bend School District	Applied Research Proposal Development
(8)	3,000	Eugene District 4-J	Elementary Career Awareness
(9)	4,000	Chackamas Community Collg.	Systems Approach to Learning in Occupational Education
(10)	300	COOS I.E.D.	Development of Advisory Committee Guidelines
(11)	5,600	Portland Public Schools	Integration of Career Consumer and Reading Education Programs
(12)	1,900	Ashland Public Schools	Multiple Teacher Approach to Implementing a Service Cluster

OREGON (Continued)

State Allotment

FY 1973 $93,331.00

Total Funds Obligated

FY 1973 $71,149.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(13)	300	Boise Elementary School Grants Pass	Proposal Development
(14)	850	Banks H.S.	Interdisciplinary Support Classes for Career Education

PENNSYLVANIA

State Allotment

FY 1973 $497,954.00

Total Funds Obligated

FY 1973 $618,430.43

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	15,120.00	Altoona Area Vocational Technical School	Computer Assited Instruction Mathematics Project
(2)	900.00	Pittsburgh School Dist. OVT Division	The Effect of an Office Simulation on Students Attitudes Toward Work
(3)	405.00	Pittsburgh School Dist. OVT Division	Film Strip Development as an Aid to Coordinate Theory and Practice on the Metal Working Lathe
(4)	1,000.00	Pennsbury School Dist.	Multideminsional scaling of the concepts that Elementary children use in perceiving Similarities in certain Occupations
(5)	29,380.00	The Pennsylvania State University	Development of a Validated Instructional System for Hospitality Education
(6)	42,469.00	The Pennsylvania State University	A Longitudinal Study of Vo. Dev. & Program Evaluation: Implications for Curriculum Planning & Vo. Guidance Phase II
(7)	15,000.00	Berks Vocational Technical School	Developmental Research Agriculture Curriculum Development & Student Recruitment
(8)	12,170.50	Central Susquehanna Intermediate Unit	Project IMPROVE
(9)	24,560.00	Lancaster Cleft Palate Clinic	The Use of Infra Sound Therapy with Deaf and Hard-of Hearing Adults

PENNSYLVANIA (Continued)

State Allotment

FY 1973 $497,954.00

Total Funds Obligated

FY 1973 $618,430.43

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(10)	3,504.00	The Pennsylvania State University	Area Vocational-Technical School and Intermediate Unit Relationship in Pennsylvania
(11)	117,903.00	McKeesport Area School District	A Project to Develop a Comprehensive Career Education Program for Grades K-12 in the McKeesport Area School District
(12)	130,271.00	Crawford Central School District	A Project to Develop a Model Career Oriented Curriculum by Individualizing through Technology
(13)	113,229.00	Admiral Peary AVTS	TIME Scheduling: A Competency Based Career Education Program
(14)	1,000.00	University of Pittsburgh	The Role and Utilization of Library in Pennsylvania Area Voc-Tech Schools
(15)	107,928.00	Philadelphia School District	Comprehensive Career Education Model Jay Cooke Jr. High School
(16)	560.00	Temple University	Tasks Prerequistie for Entry in the Home Refurnishing Cluster of Distribution in Philadelphia County with Implications for the Secondary School Curricula
(17)	275.00	Temple University	Determination of Competencies in the Hotel-Motel Industry with Implications for Curriculum Development for Post-Secondary Distributive Education Cooperative Students in Philadelphia, Pennsylvania

PENNSYLVANIA (Continued)

State Allotment		Total Funds Obligated	
FY 1973	$497,954.00	FY 1973	$618,430.43

Projects Funded:

FY 1973

Funds Obligated (Section 131(b) Part C)		Grantee or Contractor	Title of Project
(18)	1,000.00	Temple University	Changing the Image of the Salesman
(19)	71,543.00	CSIU	CSIU Career Education Institute
(20)	576.00	York AVTIS	School-Based Job Placement Service Model: Phase I, Final Report

RHODE ISLAND

State Allotment

FY 1973 $41,394.00

Total Funds Obligated

FY 1973 $31,780.21

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	31,780.00	Providence Schools	Career Fducation Management Information System

SOUTH CAROLINA

State Allotment

FY 1973 $150,912.00

Total Funds Obligated

FY 1973 $46,934.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	13,375.00	Kershaw County School District	Development of a Guide for the Operation and Implementation of Adult Programs & Student Placement and Student Follow-up
(2)	5,268.00	O'Conee School Dist.	The Continuation of the Development of State-wide Curriculum, Graphic Communication Base on Behaviorial Objectives and Self Instructional Programs

SOUTH DAKOTA

State Allotment

FY 1973 $35,563.00

Total Funds Obligated

FY 1973 $34,089.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	10,989.00	Mitchell Independent School Dist. #45	Feasibility Study for Multi-District Vocational Education Concept for Secondary School Students in South Dakota
(2)	22,500.00	University of South Dakota	Business Research Bureau
(3)	600.00	University of South Dakota	Intern Program

TENNESSEE

State Allotment

FY 1973 $208,999.00

Total Funds Obligated

FY 1973 $280,566.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	10,597.00	Center for Manpower Memphis State University	Five Year Projections: Demand for Vocational-Technical Education Output.
(2)	7,848.00	Center for Manpower Memphis St. University	Twenty-Year Projections: Labor Force Population, and Demand in the Seven Services
(3)	12,952.00	State Department of Education	Mini-Grants
(4)	16,380.00	State Department of Education	Evaluation
(5)	10,710.00	Bureau of Educational Research University of Tennessee	Cost Analysis
(6)	50,741.00	University of Tennessee College of Education	Management Information System
(7)	168,291.00	University of Tennessee College of Education	RCU Operation
(8)	3,047.00	Nashville State Technical Institute	Multi-Media Information Approach to Guidance and Counseling for Engineering and Business Data Processing Technologies

TEXAS

State Allotment

FY 1973 $556,104.00

Total Funds Obligated

FY 1973 $726,505.00
(Includes State & Federal)

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	1,080.00	EPD Consortium	Search for Effectiveness of the Occupational Orientation Programs In the State of Texas
(2)	FY 72	Eastfield College of the Dallas County Community College District	A Study to Identify Trends in Manpower Requirements for Printing Occupations in Newspaper Plants in Texas
(3)	5,361.00	El Centro College of the Dallas Community College District	Human Development Instruction for Career Students in the Community College: An Exploratory Study
(4)	30,901.00	Lee College and the Texas Department of Corrections	Evaluation of Post-Secondary Vocational Training in the Texas Department of Corrections
(5)	40,156.00	Paris Junior College	Evaluation of Coordinated Vocational Reademic
(6)	52,306.00	Paris Junior College	A Study of Construction Technology Curriculum and Construction Industry needs with a suggested Approach to Curriculum Development in Building Technology Training in Texas Community College
(7)	7,899.00	University of Texas at Austin	A Comparative Study of the Occupational Achievement of Vocational and Non-Vocational High School Graduates in Texas

TEXAS (Continued)

State Allotment

FY 1973 $556,104.00

Total Funds Obligated

FY 1973 $726,505.00
(Includes State & Federal)

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(8)	FY 72	Education Service Center Region X	Preliminary Planning for Partners in Career Education. A Cooperative Career Education Learning Systems Development and Dissemination Project
(9)	FY 72	Paris Junior College	Short-Term Study in Instructional Methodology for Community College Occupational Faculty: A Pilot Approach
(10)	FY 72	Sam Houston State University	Implementation of Career Education--A Workshop Drive--in Conference
(11)	43,942.00	University of Houston Institute for Urban Studies	Regional Development and Coordination of Allied Health Manpower Education in the Community College
(12)	19,925.00	El Centro College of the Dallas Community College District	Planning a Pilot Study Involving A.D. Nursing Students in Family Maintenance Processes
(13)	15,772.00	Dallas County Community District	The Development of Behavoral Objectives and Instructional Units In Selected Occupational/ Technical Courses - A Pilot Project
(14)	12,832.00	College of Education, Texas A&M University	An Investigation of Vocational Counselor Effectiveness and Its Relationship to Selected background and personal Characteristics.
(15)	79,455.00	Texas Agricultural Experiment Station of Texas A&M University	A Study of Manpower Training Requirements for the Texas Agricultural Industry

State Allotment

FY 1973 $556,104.00

Total Funds Obligated

FY 1973 $726,505.00
(Includes State & Federal)

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(16)	25,518.00	Department of Instructional Services San Antonio Independent School District	Upgrade Teacher Competencies in the use of Career Education Materials
(17)	50,234.00	Grayson County College	Coordinate Effort for Career Education (CECE) Component: Computer Assisted Guidance
(18)	80,953.00	College of Technology, University of Houston	Internship Instructor Training Program for Occupational and Technical Subjects
(19)	8,286.00	College of Technology University of Houston	Teacher Training Program for Distributive Education
(20)	27,247.00	Texas School for the Deaf	Development of a Career Education Curriculum for Deaf Students at the Texas School for the Deaf
(21)	10,903.00	College of Education Texas A&M University	Student Perception of the Effectiveness of Area Vocational Secondary School Programs of Texas in Meeting Student Interest and Perceived Needs
(22)	12,316.00	Texas State Technical Institute	High School Career Interest and Information Survey, Phase II
(23)	12,074.00	Texas State Technical Institute	High School Career Interest and Information Survey, Phase III

State Allotment

FY 1973 $556,104.00

Total Funds Obligated

FY 1973 $726,505.00
(Includes State & Federal)

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(24)	18,491.00	The Houston Community College System	The Development of a Model for Establishing a New Health Career Education Program in a Community College
(25)	12,737.00	Texas Agricultural Experiment Station, Texas A&M University	Perceptions of Vocational Administrators and High School Principals regarding the Role of the Vocational Administrator
(26)	22,388.00	Paris Junior College	A Pilot Program in Residential Construction and Technology, with Emphasis on Occupational and Managerial Skills Development through a Combined Program of Academic and Cooperative Education
(27)	9,644	Harlandale Independent School District	Computerized Vocational Information Service
(28)	9,900.00	EPD Consortium D	Study of Needs for Professional Personnel Development of Vocational-Technical Teachers
(29)	12,430.00	Office of School Surveys and Studies, Dept. of Ed. Administration University of Texas	Observed and Self Reported Individualization of Instruction by Vocational and Non-Vocational Teachers
(30)	16,696.00	Austin Independent School District Community College District	Development of Occupational and Technical Programs and Curriculum for Austin Community College

TEXAS (Continued)

State Allotment

FY 1973 $556 104.00

Total Funds Obligated

FY 1973 $726,505.00
(Includes State & Federal)

Projects Funded.

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(31)	4,469.00	Office of School Surveys and Studies, Dept. of Ed. Administration University of Texas	A Study to Identify Data Elements for Comparative Assessment of Effectiveness and Efficiency of Technical and Vocational Education Programs in the Public Community Colleges of Texas
(32)	8,767.00	Ranger Junior College	Development of Cooperative Planning for Technical Vocational Programs
(33)	30,452.00	Center for Human Resources U. of Houston	Vocational Education in Texas High Schools: An Ethnic Comparison
(34)	6,204.00	El Paso Community College	Comprehensive Manpower Study
(35)	21,117.00	Education Service Center, Region X	A Project to Develop a Competency-Based Counselor Training Program
(36)	7,007.00	Dallas County Community College District	Occupational-Technical Curriculum Development T.V. Study
(37)	4,151.00	Dallas County Community College District	Cooperative Education for American Indians in Dallas County
(38)	4,892.00	McLennan Community College	Development of a Community Career Counseling and Information Program

UTAH

State Allotment		Total Funds Obligated	
FY 1973	$61,009.00	FY 1973	$153,863.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	272.00	Doloris Williams	Office Machine used in Student Training Programs in Post-Secondary School compared with Office Machines used in Business
(2)	1,160.00	Carol Hicks	Levels of Noise Pollution as a Safety and Health Hazard within Working and Metal-Working Industrial Education Laboratory Facilities
(3)	2,500.00	Bridgerland County	Mobile Office
(4)	68,000.00	Provo County	World of Work
(5)	5,000.00	UTC Provo	School Bus Driving
(6)	10,000.00	Bridgeland County	Mobile Guidance Unit
(7)	30,082.00		Career Education Exploration Project
(8)	15,584.00		Parent-Child-School Career Education Program for Tenth Grade Students at Logan H.S.
(9)	9,500.00	Sterling Rigby, Educators Alliance Inc.	Vocational Education Needs & Feasibility Studies Relating to Northern Utah
(10)		In-House	Study of Vocational Education Advisory Committees
(11)	700.00	Sever Valley Tech., Dewain Washburn	Sever Valley Job Market Survey

UTAH (Continued)

State Allotment

FY 1973 $61,009.00

Total Funds Obligated

FY 1973 $153,863.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(12)	5,565.00	Logan School District	Application of Career Counseling Technique Involving Parents in the Career Guidance Program for 10th Grade Students at Logan Sr. H.S.
(13)	500.00	Marlin Johnson Uintah Basin Vocational Central	Uintah Basin Job Market Survey
(14)	5,000.00	Sever School District Cooperative Service Agency	Workshop for Planning Career Education Program
(15)		In-House	Study in the Feasibility of Vocational Training in Music, Fine Arts and Drama
(16)		In-House	Extent of General Public and Educator's Knowledge of the State Board of Education

VERMONT

State Allotment

FY 1973 $22,217.00

Total Funds Obligated

FY 1973 $16,772.89

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	1,350.00	Burlington School District	A Proposal to Develop a Validated Instrument for Measuring the Effectiveness of the Self-Instructional Aspect Incorporated into Specific Vocational Courses at Burlington H.S.
(2)	1,345.50	Castleton State College	A Survey of the Attitudes of Businessmen and Teachers as to the Need for Data Processing Instruction in the High Schools in the State of Vermont
(3)	1,316.47	Addison County Vocational Center, Middlebury Union High School	Addison County Vocational Interest Survey
(4)	1,350.00	The Brattleboro Area Vocational Center	Development of Public Safety and Law Enforcement Curricula
(5)	1,350.00	Area Vocational Center Randolph Union High School	Development of Curriculum for Diesel-Hydraulics Course of Instruction
(6)	1,350.00	Lomoille Union High School Dist. #18	Investigation of Training Aids and Equipment for the Transfer to the Metric System
(7)	3,310.92	Burlington School Dist.	Evaluation Testing Materials for use in Career Guidance and Education

VERMONT (Continued)

State Allotment

FY 1973 $22,217.00

Total Funds Obligated

FY 1973 $16,772.89

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(8)	1,800.00	Windsor Northwest School District	Research Proposal for Dissemination of the Vermont Career Education Project
(9)	3,600.00	New England Resource Center for Occupational Education	Twin State Educational Information System (New Hampshire, Vermont)

VIRGINIA

State Allotment

FY 1973 $231,361.00

Total Funds Obligated

FY 1973 $597,535.80

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	9,471.00	Virginia Department of Community College	Follow-up Study of Former Occupational Technical Students at Virginia Community Colleges: Phase II
(2)	33,816.00	Virginia Department of Community College	Learning Resources for the Disadvantaged: Phase II
(3)	17,157.00	Virginia Department of Community College	A National Review of the Goals and Outcomes of Community Colleges
(4)	225,262.81	VPI & SU	An Evaluation System for Voc. Ed. in Virginia VIP & SU
(5)	27,731.06	Virginia Commenwealth University	Information Diffusion and Research Utilization in Vocational Education -- VPI & SU
(6)	212,193.77	Virginia Commonwealth	Research on Problems Concerning The Establishment of a Learning Resources Center for D.E. in Virginia-- Virginia Commonwealth Univ.
(7)	71,904.16	Loudown County Board	Development of a Computerized System to serve the Voc. Ed. Program for Loudown Co.

WASHINGTON

State Allotment

FY 1973 $145,771.00

Total Funds Obligated

FY 1973 $49,432.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	5,500.00	State Board for Community College Ed., Earl Hale	A Proposal for the Development of an Occupational Training Needs & Vocational Enrollment Forecast Model
(2)	3,750.00	"In-House" Northern Colorado Ed. Cooperative Services	Information Retrieval Center Products
(3)	16,659.00	State Board for Community College Ed. (Research & Planning) Deb K. Das	Stoehastic Estimation Model for Vocational Education Training Needs
(4)	966.00	Spokane Falls Community College Keith Kirkbride	A Survey of the Training Needs of Pesticide Applicators in Eastern Wash.
(5)	2,336.00	Intermediate School Dist. No. 114 John W. Holmes	Elementary Occupational Awareness; A VIEW Deck Study
(6)	500.00	Pacific Inst. Lou Tice	Employment & Recruitment Project Conference
(7)	1,605.00	Highline Schools Bill Cox	Early Vocational Awareness
(8)	1,000.00	Ocean Beach John Billups	Environmental/Ecological Feasibility Study
(9)	4,500.00	ISD No. 112 Max Hudson	Skills Center Feasibility Study
(10)	405.00	Vancouver School Dist. Barbara Anderson	Comparison of Cooperative Versus Classroom Training of Office Practice

WASHINGTON (Continued)

State Allotment

FY 1973 $145,771.00

Total Funds Obligated

FY 1973 $49,432.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(11)	2,000.00	Renton School Dist. Morris Tonda	Appraisal of an Occupational Awareness Program
(12)	1,275.00	Yakima School Dist. Dan Organ	Occupational Awareness Mobile Unit Evaluation
(13)	806.00	Richland School Dist. Georgia Burns	How Are We Doing
(14)	1,598.40	Western Wash. State College, Sam Porter	Workshop on Workshops
(15)	2,587.00	Northwest Reg. Ed. Lab. Douglas C. Towne	Evaluation and Documentation of Institute on Coop Education
(16)	3,325.00	Welding Inst. Assoc. Fred Carpine	Project WISE
(17)	840.00	Washington State U Tom Mortier	Annotated Bibliography of Career Awareness for Sec. Students

WEST VIRGINIA

State Allotment

FY 1973 $92,198.00

Total Funds Obligated

FY 1973 $43,589.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	20,000.00	Cabell County Board of Education	A Comprehensive Plan for the Development of Vocational Education in Cabell and Wayne Counties
(2)	-0-	Ohio County Schools	"Research & Planning for the New Vocational Technical Program and Facilities in Ohio County Schools"
(3)	6,904.00	Kanawha County Board of Education	Guidance Systems Approach--An Emerging Behavioral Mode for Guidance--Operation Guidance II
(4)	5,892.00	West Virginia University Division of Family Resources	Child Development Curricula
(5)	10,793.00	Ohio State University	The Development of a Master Plan for the Financial Support of Vocational Education Programs in the State of West Virginia

WISCONSIN

State Allotment

FY 1973 $203,743.00

Total Funds Obligated

FY 1973 $162,382.45

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	1,164.00	District One Technical Institute - Eau Claire	Research of Effects of Visual Materials in Manfacturing Process on Learning, "Phase Two"
(2)	8,286.00	Western Wisconsin Technical Institute, La Crosse	Developing Individualized Instruction for Rural Disadvantaged Providers of Family Day Care Services
(3)	235.00	Southwest Wisconsin Vocational-Technical School Fennimore	Manpower needs in Southwest Wisconsin
(4)	1,688.-0	Southwest Wisconsin Vocational-Technical School Fennimore	Identify Competencies in the Food Service Industry as Related to Curriculum Articulation
(5)	932.00	VTAE District #4 Madison	Evaluation of Auto Mech and Tech Curriculum in Terms of Employers Rating of Job Performance of Former Students
(6)	708.00	Waukesha County Technical Institute - Dist. #8	Development of an Ordered Inventory of Expectations of Post-Secondary Vocational Technical and Adult Education in the State of Wisconsin
(7)	2,493.00	VTAE District #9 Milwaukee	Vocational and Technical Education and Training Programs Sponsored by Business, Industry, Labor and Government in Wisconsin

WISCONSIN (Continued)

State Allotment

FY 1973 $203,743.00

Total Funds Obligated

FY 1973 $162,382.45

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(8)	7,140.00	Milwaukee Area Technical College & Cooperative Education Service Agency #19	Greater Milwaukee Metropolitan Area Career Education Project Office Proposal
(9)	4,288.00	Moraine Park VTAE Dist. Fond du Lac	Career Education--A Family Approach
(10)	28,859.00	Fox Valley Technical Institute and University of Wisconsin-Stout	Investigating the Interaction of Learning Styles and Types of Learning Experiences in Vocational-Technical Education
(11)	870.00	University of Wisconsin-Stout, Fox Valley VTAE	TASK ANALYSIS - and competencies requirements of Vocational, Technical and Adult Education Coordinators in Wisconsin
(12)	1,017.45	Mid-State VTAE District Wisconsin Rapids	Field Testing-- The Development and Early Education of the Mentally Handicapped Child Major
(13)	9,412.00	North Central VTAE Dist.	Faculty Research and Curriculum Multi-Project Proposal
(14)	1,789.00	Vocational District #17 and University of Wisconsin-Stout	Northwestern Wisconsin Recretion Survey for Vocational Program Development
(15)	3,631.00	University of Wisconsin-Stout	Convergence Research Project: Phase II
(16)	7,282.00	University of Wisconsin-Stout	Graduate Student Research Grants: Phase II the Continued Study of the Impacts of Graduate Research Projects on the Participants Research and Attitudes Toward Research

WISCONSIN (Continued)

State Allotment

FY 1973 $203,743.00

Total Funds Obligated

FY 1973 $162,382.45

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(17)	6,357.00	University of Wisconsin-Stout	An Evaluation of Three Pilot Courses: "The Development in Early Education of the Mentally Handicapped Child"
(18)	2,508.00	Moraine Park Technical Institute	Occupational Psychology has a Greater Objective Achievement Potential for Industry and Technical Institute than the Traditional Elements Psychology and Human Relations Course Presently Offered
(19)	7,259.00	Milwaukee Area Technical College	Computer Augmented Accounting
(19)	Included in $7,282.00 Grad. Student Res. Grants Above	University of Wisconsin-Stout	Evaluation of Cable TV as a Delivery System for Adult Education
(20)	" " " "	University of Wisconsin-Stout	Analysis and Simulation of Curriculum Development Procedures, a Seminar for Curriculum Specialists
(21)	" " " "	University of Wisconsin-Stout	The Feasibility of Using Work Evaluation as a Tool for Assessment in Adult Basic Education/ A Sub-Project of the Graduate Student Project Phase II

WISCONSIN (Continued)

State Allotment

FY 1973 $203,743.00

Total Funds Obligated

FY 1973 $162,382.45

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(22)	" " "	University of Wisconsin-Stout	Assessment of Educational Needs of Part-Time Call Staff
(23)	2,100.00	North Central Technical Institute, Wausau	Individualized Curriculum for Typing III
(24)	2,600.00	North Central Tech. Institute, Wausau	Analysis of Industrial Supervisory Tasks in North Central VATE District
(25)	6,253.00	University of Wisconsin-Whitewater	Evaluation of Secretarial Science Programs
(26)	6,089.00	Moraine Part Tech. Inst.	Identification of Services to Disadvantaged and Handicapped Comprehensive Occupational Project
(27)	8,083.00	Moraine Park Tech. Inst.	District Ed. Resource Center
(28)	5,444.00	Milwaukee Area Technical College	Career Development - Milwaukee
(29)	4,598.00	University of Wisconsin-Madison	Evaluation of Agriculture Project
(30)	1,158.00	UWE Extension	U.W.E. Monts
(31)	2,000.00	District #1 Technical Institute - Eau Claire	Mass Communication Supt.

WISCONSIN (Continued)

State Allotment

FY 1973 $203,743.00

Total Funds Obligated

FY 1973 $162,382.45

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(32)	8,331.00	Milwaukee Area Technical College	Planning Consortium
(33)	7,140.00	Coop Education Services	Career Development - CESA #19
(34)	135.00	West Allis Public Schools	D.P.I. Health
(35)	7,350.00	University of Wisconsin-Madison	Distributive Ed. Consortium

WYOMING

State Allotment

FY 1973 $16,215.00

Total Funds Obligated

FY 1973 $15,527.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	3,300.00	Albany District #1	Office Occupations Survey (Larimie)
(2)	2,000.00	Converese County Dist. #1	The Development of a Career Ed. Program Model (Glenrock)
(3)	500.00	Freemont County Dist. #25	Summer Training Model for High School Counselors (Riverton)
(4)	1,000.00	Nitroia County Dist. #1	Summer Training Model for High School Counselors (Casper)
(5)	4,855.00	Nitroia County Dist. #1	Safety Manual for Occupational Teachers (Casper)
(6)	1,500.00	Weston County Dist. #1	Survey of Occupational Buildings (Newcastle)
(7)	738.00	Northwest Comm. College	Public Relations Film of Occupational Education
(8)	500.00	Northwest Comm. College	A Study to Design a Computer Program
(9)	1,134.00	University of Wyoming	Self Concept and Attitude Change

PUERTO RICO

State Allotment

FY 1973 $152,137.00

Total Funds Obligated

FY 1973 $120,266.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(1)	2,080	State Department of Public Instruction	Development of a Pharmacist Assistant Curriculum for the Health Related Occupations
(2)	7,384	State Department of Public Instruction	Followup of Vocational Technical Education Courses, 1971-72
(3)	11,724	State Department of Public Instruction	Curriculum Development Basic to the Training of Individuals for Employment in Agri-Business
(4)	3,951	State Department of Public Instruction	Study of the Effectiveness of a Televised Course on Automobile Electromechanics
(5)	6,763	State Department of Public Instruction	To Adapt and Implement the Industrial Arts Curriculum Project (IACP) Course "The World of Construction in Twelve Rural Junior High Schools"
(6)	32,857	State Department of Public Instruction	Expansion of Job-Placement and Followup Study of Graduates of Occupational Education Courses in Home Economics in PR, 1970-71 and 1971-72
(7)	3,31	State Department of Public Instruction	Plan of Evaluation of the Business Ed Program in Mayaguez Region

PUERTO RICO (Continued)

State Allotment

FY 1973 $152,137.00

Total Funds Obligated

FY 1973 $120,266.00

Projects Funded:

FY 1973

	Funds Obligated (Section 131(b) Part C)	Grantee or Contractor	Title of Project
(8)	8,504	State Department of Public Instruction	Necesidades de Adiestramiento a Nivel Especialixado en Agricultura Voc para la Isla de Puerto Rico (Study for Training Needs for Specialized Voc Agriculture in PR)
(9)	3,318	State Department of Public Instruction	Study to Evaluate Students Achievement in the Different Business Subjects at the Mayaguez Ed Region
(10)	10,598	State Department of Public Instruction	Propuesta para la Preparacion de Guias y Examenes para Auto-estudio en Education Commercial para Jovenes y Adultos (Proposal for the Development of Guides and Tests for Self-Study in Business Ed for Youths and Adults)
(11)	29,770	State Department of Public Instruction	Business Vocabulary Count in Spanish

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RELATED PUBLICATIONS

Readers of this booklet might be interested in the following related publications, which are available from the ERIC Document Reproduction Service:

State-Administered Research and Development Projects in Vocational Education: Fiscal Year 1971 and Fiscal Year 1972. (ED-080-748)

State-Administered Exemplary Projects in Vocational Education: Fiscal Year 1970, Fiscal Year 1971, and Fiscal Year 1972. (ED-080-749)

The Role of the National System of Research Coordinating Units in the Research-to-Practice Continuum. (ED-080-688)

Semiannual Report on State Research Coordinating Unit Activities for the Period January 1, 1972 to June 30, 1972. (ED-076-781)